

Commonwealth of Kentucky
Division for Air Quality

PERMIT APPLICATION SUMMARY FORM

Completed by: Mark Labhart

GENERAL INFORMATION:

Name:	Gusher Pumps Incorporated
Address:	115 Industrial Drive, Williamstown, KY 41097
Date application received:	June 16, 2005
SIC/Source description:	3561, Pumps and Pumping Equipment
Source ID #:	21-081-00022
Source A.I. #:	55696
Activity #:	APE20050001
Permit number:	F-05-046

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☐ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Allowable (tpy)	Potential (tpy)
PM/PM ₁₀	≤ 7.1		7.1
SO ₂	-		-
NO _x	-		-
CO	-		-
VOC	≤ 20	20 *	163.6
Single HAPs (CAS)			
MEK, (78-93-3)	≤ 9	9 *	15
Xylene, (1330-20-7)	≤ 9	9 *	47.1
Source Wide HAPs	≤ 20	-	73.7

* Conditional Major emission limitations

SOURCE DESCRIPTION:

Gusher Pumps Incorporated is a Division of Ruthman Pump & Engineering. The source makes a variety of centrifugal pumps. This permit covers Plant II, pump assembly, which has a minimal number of emission units. There are two (2) spray booths located at this source. The unrestricted Potential-To-Emit, (PTE) of the spray booths is greater than major source thresholds. However, actual emissions have been much less, and the source is requested limitations on the PTE to remain a minor source. There are no other significant emission units at this source. Insignificant activities included in the permit are an aqueous parts washer utilizing caustic soap and some machining operations.

EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

Gusher Pumps has voluntarily requested permit limitations on the potential to emit. The source will limit VOC emissions to 20 TPY or less, and HAP emissions will be limited to 9 TPY for any single HAP.

OPERATIONAL FLEXIBILITY:

The source is not restricted as to hours of operation or quantity of product produced while remaining within the caps above.